

APPLICANT FACSIMILE OF FORM PTO-1449

U.S. DEPARTMENT OF
COMMERCE
PATENT AND TRADEMARK OFFICE

ATTY DOCKET NO.

SERIAL NO.

REV 7-80

GEN-009

10/061961

LIST OF PUBLICATIONS CITED BY APPLICANT
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APPLICANT

Smith, Douglas R. et al.

FILING DATE

February 1, 2002

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1645

U.S. PATENT DOCUMENTS

EXAMINER INITIAL		DOCUMENT NUMBER	DATE	NAME	CLASS	SUBCLASS	FILING DATE IF APPROPRIATE
<i>W</i>	A1	4,656,127	04/87	Mundy	435	6	
	A2	4,851,331	07/89	Vary et al.	435	6	
	A3	5,391,480	02/95	Davis et al.	435	6	
	A4	5,888,819	03/99	Goelet et al.	435	5	
	A5	6,013,431	01/00	Söderlund et al.	435	5	
	A6	6,107,061	08/00	Johnson	435	91.1	

FOREIGN PATENT DOCUMENTS

		DOCUMENT NUMBER	DATE	COUNTRY	CLASS	SUBCLASS	TRANSLATION YES NO
<i>W</i>	A7	WO 00/09745 A1	02/00	WO			

OTHERS (including Author, Title, Date, Pertinent Pages, Etc.)

<i>W</i>	A8	Amselem, S. et al. "Determination of the spectrum of beta-thalassemia genes in Spain by use of dot-blot analysis of amplified beta-globin DNA." <i>Am. J. Hum. Genet.</i> 1988 Jul;43(1):95-100
	A9	Brutlag, D. et al. "Enzymatic synthesis of deoxyribonucleic acid. 36. A proofreading function for the 3' leads to 5' exonuclease activity in deoxyribonucleic acid polymerases." <i>J. Biol. Chem.</i> 1972 Jan 10;247(1):241-8
	A10	Chen, X. et al. "Stable-isotope-assisted MALDI-TOF mass spectrometry for accurate determination of nucleotide compositions of PCR products." <i>Anal. Chem.</i> 1999 Aug 1;71(15):3118-25
	A11	Fei, Z. et al. "MALDI-TOF mass spectrometric typing of single nucleotide polymorphisms with mass-tagged ddNTPs." <i>Nucleic Acids Res.</i> 1998 Jun 1;26(11):2827-8
	A12	Haff, L.A. et al. "Single-nucleotide polymorphism identification assays using a thermostable DNA polymerase and delayed extraction MALDI-TOF mass spectrometry." <i>Genome Res.</i> 1997 Apr;7(4):378-88
<i>W</i>	A13	Haff, L.A. et al. "Multiplex genotyping of PCR products with MassTag-labeled primers." <i>Nucleic Acids Res.</i> 1997 Sep 15;25(18):3749-50
<i>W</i>	A14	Harsen, A. et al. "Four common mutations of the cystathionine beta-synthase gene detected by multiplex PCR and matrix-assisted laser desorption/ionization time-of-flight mass spectrometry." <i>Clin. Chem.</i> 1999 Aug;45(8 Pt 1):1157-61
<i>W</i>	A15	Herning, T. et al. "Specific liquid DNA hybridization kinetics measured by fluorescence polarization." <i>Anal. Chim. Acta.</i> 1991;244:207-213
<i>W</i>	A16	Li, J. et al. "Single nucleotide polymorphism determination using primer extension and time-of-flight mass spectrometry." <i>Electrophoresis.</i> 1999 Jun;20(6):1258-65

Examiner

Date Considered

*EXAMINER:

Initial if reference considered, whether or not citation is in conformance with MPEP 609; Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant.

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FL	B1	Matthews, J.A. et al. "Analytical strategies for the use of DNA probes." <i>Anal. Biochem.</i> 1988 Feb 15;169(1):1-25
u	B2	Nikiforov, T.T. et al. "Detection of hybrid formation between peptide nucleic acids and DNA by fluorescence polarization in the presence of polylysine." <i>Anal. Biochem.</i> 1999 Nov 15;275(2):248-53
u	B3	Parsons, B.L. et al. "Detection of basepair substitution mutation at a frequency of 1×10^{-7} by combining two genotypic selection methods, MutEx enrichment and allele-specific competitive blocker PCR." <i>Environ. Mol. Mutagen.</i> 1998;32(3):200-11
u	B4	Petruska, J. et al. "Comparison between DNA melting thermodynamics and DNA polymerase fidelity." <i>PNAS USA.</i> 1988 Sep;85(17):6252-6
u	B5	Ross, P. "High level multiplex genotyping by MALDI-TOF mass spectrometry." <i>Nat. Biotechnol.</i> 1998 Dec;16(13):1347-51
u	B6	Saiki, R.K. et al. "Analysis of enzymatically amplified beta-globin and HLA-DQalpha DNA with allele-specific oligonucleotide probes." <i>Nature.</i> 1986 Nov 13-19;324(6093):163-6
u	B7	Saiki, R.K. et al. "Diagnosis of sickle cell anemia and beta-thalassemia with enzymatically amplified DNA and nonradioactive allele-specific oligonucleotide probes." <i>N. Engl. J. Med.</i> 1988 Sep 1;319(9):537-41
u	B8	Saiki et al. "Genetic analysis of PCR amplified DNA with immobilized sequence-specific oligonucleotide probes; reverse dot blot typing of HLA and beta-globin loci." Abstract 0377 of the <i>Annual Meeting of the Am. Soc. of Hum. Genet.</i> , 1988, 13.2. A95
u	B9	See, D. et al. "Electrophoretic detection of single-nucleotide polymorphisms." <i>Biotechniques.</i> 2000 Apr;28(4):710-4, 716
u	B10	Skerra, A. "Phosphorothioate primers improve the amplification of DNA sequences by DNA polymerases with proofreading activity." <i>Nucleic Acids Res.</i> 1992 Jul 25;20(14):3551-4
u	B11	Tsuruoka et al. "Rapid detection of the <i>Escherichia coli</i> verotoxin gene using fluorescence polarization." <i>Nippon Rinsho.</i> 1997 Mar;55(3):741-6 (Engl. abstr.)
u	B12	Wegmüller, B. et al. "3'-5' Proofreading-induced detection of point mutations by PCR using Tli DNA polymerase." <i>Nucleic Acids Res.</i> 1995 Jan 25;23(2):311-2
u	B13	Ye, B.-C. et al. "Quantitative analysis of polymerase chain reaction using anisotropy ratio and relative hydrodynamic volume of fluorescence polarization method." <i>Nucleic Acids Res.</i> 1998 Aug 1;26(15):3614-5

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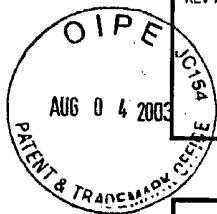
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				✓			

		DOCUMENT NUMBER	DATE	COUNTRY	CLASS	SUBCLASS	TRANSLATION	
							YES	NO
	C1	WO 90/12115 A1	10/90	WO				
	C2	WO 00/49181 A1	08/00	WO				
	C3	WO 95/13399 A1	05/95	WO				
	C4	WO 98/59066 A1	12/98	WO				
	C5	DE 198 24 280 A1	12/99	Germany				

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